

TITLE

PLANT 5,10-METHYLENETETRAHYDROFOLATE REDUCTASE GENES

ABSTRACT OF THE DISCLOSURE

5 This invention relates to isolated nucleic acid fragments encoding
5,10-methylenetetrahydrofolate reductase. The invention also relates to the
construction of a recombinant DNA construct encoding all or a portion of the
5,10-methylenetetrahydrofolate reductase in sense or antisense orientation,
wherein expression of the recombinant DNA construct results in production of
altered levels of the 5,10-methylenetetrahydrofolate reductase in a transformed host
10 cell.

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LYB/dmm